## (19) World Intellectual Property Organization

International Bureau



# 

(43) International Publication Date 24 November 2005 (24.11.2005)

**PCT** 

### (10) International Publication Number WO 2005/111734 A1

(51) International Patent Classification7:

G03G 15/08

(21) International Application Number:

PCT/JP2005/009592

(22) International Filing Date: 19 May 2005 (19.05.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2004-149221

19 May 2004 (19.05.2004)

(71) Applicant (for all designated States except US): CANON KABUSHIKI KAISHA [JP/JP]; 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 1468501 (JP).

(72) Inventor; and

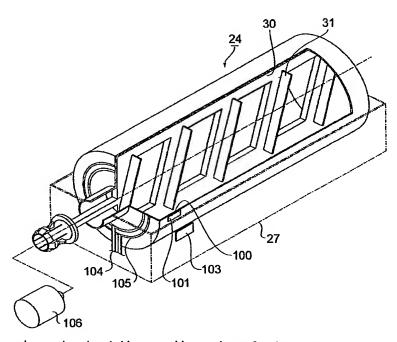
(75) Inventor/Applicant (for US only): INOUE, Hiroshige [JP/JP]; 2-6-3-2-305, Tennohdai, Abiko-shi, Chiba 270-1143 (JP).

(74) Agent: YAMADA, Ryuichi; Toko International Patent Office, Hasegawa Bldg. 4F, 7-7, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JР).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: TONER SUPPLY CONTAINER AND IMAGE FORMING APPARATUS, FOR DETECTING THE AMOUNT OF RE-MAINING TONER



(57) Abstract: A toner supply container detachably mountable to an image forming apparatus, the toner supply container including a rotatable container body for containing toner; and a sensor, rotatable integrally with the container body, for detecting a remaining toner amount in the container body.

## WO 2005/111734 A1



#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.